

SUBSYSTEMS: SELF CALIBRATION

Specifications are after calibration.																			Model Designator														
Sigma Delta: Transducer Interface A/D's not Included																			Temperature														
		Power Supply Requirements				Input Voltage	Conversion Rate	Accuracy or Linearity	Differential Linearity		Full Scale Error		Zero Error		Bipolar Zero Error		Voltage Reference	I/O		Range				#									
		#	#	+Icc	-Iee	Range	KSPS	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	INT	EXT	0	-25	-40	-55	of Pins	Price /100's								
MODEL	Bits	CH	+Vcc	mA	-Vee	mA	+Vdd	+Idd												70C	85	85	125										
AD7853	12	1	+5V	5.5			Vref/2	200	1	1	1	1	1	1	1	1	1	2.5	S	A	S	24	\$10.00										
AD7853							or \pm Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		B				\$12.95									
AD7853L (Low Power version of AD7853)																																	
AD7853L	12	1	+3V	5.5			Vref/2	100	1	1	1	1	1	1	1	1	1	2.5	S	A	S	24	\$7.55										
AD7853L							or \pm Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		B				\$9.95									
AD7854	12	1	+3/5V	5.5			Vref/2	200	1	1	1	1	4	4	3	3	4	4	2.5	P12	A	S	28	\$11.00									
AD7854							or \pm Vref/2		1/2	1/2	1	1	4	4	3	3	4	4		B													
AD7854L (Low Power version of AD7854)																												\$8.15					
AD7854L	12	1	+3	1.6			Vref/2	100	1	1	1	1	4	4	3	3	4	4	2.5	P12	A	S	24										
AD7854L							or \pm Vref/2		1/2	1/2	1	1	4	4	3	3	4	4		B													
AD7858	12	8	+3/5V	5.5			Vref/2	200	1	1	1	1	1	1	1	1	1	2.5	S	A	S	24	\$11.35										
AD7858							or \pm Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		B				\$14.50									
AD7858L (Low Power version of AD7858)																																	
AD7858L	12	8	+3V	5.5			Vref/2	100	1	1	1	1	1	1	1	1	1	2.5	S	A	S	24	\$8.15										
AD7858L							or \pm Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		B				\$10.50									
AD7859	12	8	5.5	+3/5V			Vref \pm Vref/2	200	1	1	1	1	1	1	1	1	1	2.5	P12	A	S	44	\$13.85										
AD7859																				B													
AD7859L	12	8	+3	1.6			Vref \pm Vref/2	100	1	1	1	1	1	1	1	1	1	2.5	P12	A	S	44	\$13.65										
AD7859L							or \pm Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		B				\$17.50									
AD7856	14	8	+5V	17			0 to Vref	285	2	2	2	2	10	10	10	10	10	4.096	S	A	S	24	\$16.00										
AD7856	14	8	1						1	1	1	1							K				\$18.00										
AD1876	16	1	+12	12	-12	12	+5	12				100							NS	NS	NS	NS	NS	+5V	S	J		\$33.00					
AD676	16	1	+12	12	-12	12	+5	12	\pm 10	100	NS 1 1/2	NS 1 1/2	NS	NS	NS	NS	NS	NS	+5V	P16	J	A	24	\$31.82									
AD676																			K	B	T		\$37.25										
AD677	16	1	+12	12	-12	12	+5	12	\pm 10	100	NS 1 1/2	NS 1 1/2	NS	NS	4				4		S	J	A	16	\$29.50								
AD677																			3		K	B	T		\$34.70								
HYBRID																																	
AD1385	16		15	80	15	75	+5V	160	\pm 5	500	1 TYP		1	1	96	40	NS	NS	64	40	+10V	P16	K			DH48	\$697.00						
AD1385							-5V	200	or \pm 10						100				100					T		\$897.00							